



IFW16

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
TIME: 13:04:58

Input Set : A:\4987US.txt  
Output Set: N:\CRF4\07212006\J665671A.raw

3 <110> APPLICANT: ANDERSEN, Mark R.  
4 HUNKAPILLER, Michael W.  
5 LIVAK, Kenneth J.  
6 SPIER, Eugene G.  
7 WENZ, Michael H.  
9 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING TARGETS  
11 <130> FILE REFERENCE: 4987 US  
13 <140> CURRENT APPLICATION NUMBER: US 10/665,671A  
14 <141> CURRENT FILING DATE: 2003-09-19  
16 <150> PRIOR APPLICATION NUMBER: US 60/412,225  
17 <151> PRIOR FILING DATE: 2002-09-19  
19 <160> NUMBER OF SEQ ID NOS: 25  
21 <170> SOFTWARE: PatentIn version 3.3  
23 <210> SEQ ID NO: 1  
24 <211> LENGTH: 49  
25 <212> TYPE: DNA  
26 <213> ORGANISM: Homo sapiens  
28 <400> SEQUENCE: 1  
29 ttgcctgctc gacttagatc aaaggagacg cggctgcttt cagcctcat 49  
32 <210> SEQ ID NO: 2  
33 <211> LENGTH: 49  
34 <212> TYPE: DNA  
35 <213> ORGANISM: Homo sapiens  
37 <400> SEQUENCE: 2  
38 ttgcctgctc gacttagagg gtcacagtag gtggtgcttt cagcctcac 49  
41 <210> SEQ ID NO: 3  
42 <211> LENGTH: 33  
43 <212> TYPE: DNA  
44 <213> ORGANISM: Homo sapiens  
46 <400> SEQUENCE: 3  
47 ggggatagtg gctgcatcac tggatagcga cgt 33  
50 <210> SEQ ID NO: 4  
51 <211> LENGTH: 49  
52 <212> TYPE: DNA  
53 <213> ORGANISM: Homo sapiens  
55 <400> SEQUENCE: 4  
56 ttgcctgctc gacttagatc aaaggagacg cggcagtgg tttccaacg 49  
59 <210> SEQ ID NO: 5  
60 <211> LENGTH: 51  
61 <212> TYPE: DNA  
62 <213> ORGANISM: Homo sapiens  
64 <400> SEQUENCE: 5  
65 ttgcctgctc gacttagagg gtcacagtag gtggacagtg gttttccaac a 51

RAW SEQUENCE LISTING DATE: 07/21/2006  
 PATENT APPLICATION: US/10/665,671A TIME: 13:04:58

Input Set : A:\4987US.txt  
 Output Set: N:\CRF4\07212006\J665671A.raw

```

68 <210> SEQ ID NO: 6
69 <211> LENGTH: 32
70 <212> TYPE: DNA
71 <213> ORGANISM: Homo sapiens
73 <400> SEQUENCE: 6
74 tgaacacacc gggatact ggatagcgac gt 32
77 <210> SEQ ID NO: 7
78 <211> LENGTH: 18
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 7 18
83 ttgcctgctc gacttaga
86 <210> SEQ ID NO: 8
87 <211> LENGTH: 18
88 <212> TYPE: DNA
89 <213> ORGANISM: Homo sapiens
91 <400> SEQUENCE: 8 18
92 acgtcgctat ccagtgtat
95 <210> SEQ ID NO: 9
96 <211> LENGTH: 15
97 <212> TYPE: DNA
98 <213> ORGANISM: Homo sapiens
100 <400> SEQUENCE: 9 15
101 ccgcgtctcc tttga
104 <210> SEQ ID NO: 10
105 <211> LENGTH: 16
106 <212> TYPE: DNA
107 <213> ORGANISM: Homo sapiens
109 <400> SEQUENCE: 10 16
110 ccaccta tgcacc
113 <210> SEQ ID NO: 11
114 <211> LENGTH: 70
115 <212> TYPE: DNA
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 11
119 ttgcctgctc gacttagatc cgctctcc ttgatttta ccactttt tcggtaaaaa 60
121 acgagatcaa 70
124 <210> SEQ ID NO: 12
125 <211> LENGTH: 71
126 <212> TYPE: DNA
127 <213> ORGANISM: Homo sapiens
129 <400> SEQUENCE: 12 60
130 ttgcctgctc gacttagatc cacctactgt gaccctttt accactttt ttccgtcaaa 71
132 aacgagatca g
135 <210> SEQ ID NO: 13
136 <211> LENGTH: 37
137 <212> TYPE: DNA
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 13
  
```

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
TIME: 13:04:58

Input Set : A:\4987US.txt  
Output Set: N:\CRF4\07212006\J665671A.raw

37

141 taccagctta acacatagca tcactggata gcgacgt  
144 <210> SEQ ID NO: 14  
145 <211> LENGTH: 73  
146 <212> TYPE: DNA  
147 <213> ORGANISM: Homo sapiens  
149 <400> SEQUENCE: 14  
150 ttgcctgctc gacttagatc cgcgctctact ttgatttgcgtt ccactctttt tccaataact 60  
152 aaaggtacaa cat 73  
155 <210> SEQ ID NO: 15  
156 <211> LENGTH: 73  
157 <212> TYPE: DNA  
158 <213> ORGANISM: Homo sapiens  
160 <400> SEQUENCE: 15  
161 ttgcctgctc gacttagatc cacctactgt gaccctttgt accactctttt tccaataact 60  
163 aaaggtacaa cac 73  
166 <210> SEQ ID NO: 16  
167 <211> LENGTH: 37  
168 <212> TYPE: DNA  
169 <213> ORGANISM: Homo sapiens  
171 <400> SEQUENCE: 16  
172 ggcataataaa tctccaaaga tcactggata gcgacgt 37  
175 <210> SEQ ID NO: 17  
176 <211> LENGTH: 68  
177 <212> TYPE: DNA  
178 <213> ORGANISM: Homo sapiens  
180 <400> SEQUENCE: 17  
181 ttgcctgctc gacttagatc cgcgctctact ttgatttgcgtt ccactctttt tccagtggtt 60  
183 ttccaaacg 68  
186 <210> SEQ ID NO: 18  
187 <211> LENGTH: 70  
188 <212> TYPE: DNA  
189 <213> ORGANISM: Homo sapiens  
191 <400> SEQUENCE: 18  
192 ttgcctgctc gacttagatc cacctactgt gaccctttgt accactctttt ttcacagtggtt 60  
194 ttttccaaaca 70  
197 <210> SEQ ID NO: 19  
198 <211> LENGTH: 32  
199 <212> TYPE: DNA  
200 <213> ORGANISM: Homo sapiens  
202 <400> SEQUENCE: 19  
203 tgaacacacc gggatcact ggatagcgac gt 32  
206 <210> SEQ ID NO: 20  
207 <211> LENGTH: 18  
208 <212> TYPE: DNA  
209 <213> ORGANISM: Homo sapiens  
211 <400> SEQUENCE: 20  
212 ttgcctgctc gacttaga  
215 <210> SEQ ID NO: 21  
216 <211> LENGTH: 18 18

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
TIME: 13:04:59

Input Set : A:\4987US.txt  
Output Set: N:\CRF4\07212006\J665671A.raw

217 <212> TYPE: DNA  
218 <213> ORGANISM: Homo sapiens  
220 <400> SEQUENCE: 21  
221 acgtcgctat ccagtgat 18  
224 <210> SEQ ID NO: 22  
225 <211> LENGTH: 15  
226 <212> TYPE: DNA  
227 <213> ORGANISM: Homo sapiens  
229 <400> SEQUENCE: 22 15  
230 cccgcgtctcc tttga  
233 <210> SEQ ID NO: 23  
234 <211> LENGTH: 16  
235 <212> TYPE: DNA  
236 <213> ORGANISM: Homo sapiens  
238 <400> SEQUENCE: 23 16  
239 ccacacctactg tgaccc  
242 <210> SEQ ID NO: 24  
243 <211> LENGTH: 15  
244 <212> TYPE: DNA  
245 <213> ORGANISM: Artificial  
247 <220> FEATURE:  
248 <223> OTHER INFORMATION: Synthetic DNA  
250 <400> SEQUENCE: 24 15  
251 catgcgaatg acggc  
254 <210> SEQ ID NO: 25  
255 <211> LENGTH: 15  
256 <212> TYPE: DNA  
257 <213> ORGANISM: Artificial  
259 <220> FEATURE:  
260 <223> OTHER INFORMATION: Synthetic DNA  
262 <400> SEQUENCE: 25 15  
263 catgcgaatg acggc

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
TIME: 13:05:00

Input Set : A:\4987US.txt  
Output Set: N:\CRF4\07212006\J665671A.raw

Invalid <213> Response:  
Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:24, 25

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/10/665,671A

DATE: 07/21/2006  
TIME: 13:05:00

Input Set : A:\4987US.txt  
Output Set: N:\CRF4\07212006\J665671A.raw